

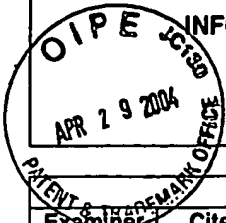
Form PTO-1449

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket No. (optional)  
010069.01Application Number:  
10/648,946Applicant:  
Santi *et al.*Filing Date:  
Aug. 26, 2003

Group Art Unit:



**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
AS	A31	US 6,437,151 B2	08/2002	Leadlay <i>et al.</i>	549	271	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?

Examiner <i>Amelia J. [Signature]</i>	Date considered <i>2/10/2005</i>
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<sup>1</sup> Applicant's unique citation designation number (optional).

Sheet 1 of 1**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION***(Use several sheets if necessary)*Docket No. (optional)  
010069.01Application Number:  
10/648,946Applicant:  
Santi *et al.*Filing Date:  
Aug. 26, 2003Group Art Unit:  
1625**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation enclosed?
<i>AS</i>	WO 2004/013153 A2	02/2004	PCT			n/a

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, etc.)*

Examiner Initial	Details of Document	Translation enclosed?

Examiner

*Amelia Jones*

Date considered

*2/10/2005*

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Sheet 1 of 4

<b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket No. (optional)</b> 010069.01	<b>Application Number:</b> 10/648,946
	<b>Applicant:</b> Santi <i>et al.</i>	
	<b>Filing Date:</b> Aug. 26, 2003	<b>Group Art Unit:</b>

U.S. PATENT DOCUMENTS							
Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate
Ao	A1	US 4,382,085	05/1983	Sciavolino <i>et al.</i>	424	180	
	A2	US 4,382,086	05/1983	Sciavolino <i>et al.</i>	424	180	
	A3	US 4,857,641	08/1989	Hauske <i>et al.</i>	536	73	
	A4	US 4,916,138	04/1990	Ueda <i>et al.</i>	514	294	
	A5	US 5,190,871	03/1993	Cox <i>et al.</i>	435	172.3	
	A6	US 5,288,709	02/1999	Freiberg <i>et al.</i>	514	29	
	A7	US 5,523,401	06/1996	Freiberg <i>et al.</i>	540	457	
	A8	US 5,523,418	06/1996	Freiberg <i>et al.</i>	549	270	
	A9	US 5,538,961	07/1996	Freiberg <i>et al.</i>	514	183	
	A10	US 5,554,605	09/1996	Freiberg <i>et al.</i>	514	183	

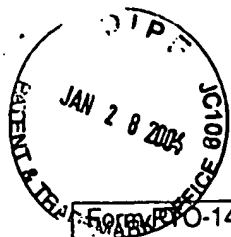
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
Ao	B1	JP 60-218321	11/1985	Japan			No
	B2	WO 99/21867 A1	05/1999	PCT			No
	B3	WO 00/44717 A2	08/2000	PCT			n/a
	B4	WO 01/27284 A2	04/2001	PCT			n/a

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
Ao	C1	Carreras <i>et al.</i> , "Saccharopolyspora erythraea-catalyzed bioconversion of 6-deoxyerythronolide B analogs for production of novel erythromycins," <i>J. Biotechnology</i> , 92, 217-228 (2002)	n/a
Ao	C2	Carreras <i>et al.</i> , "Stable Expression of a Synthetic Gene for the Human Motilin Receptor: Use in an Aequorin-Based Receptor Activation Assay," <i>Anal. Biochem.</i> 300, 146-15	n/a

<b>Examiner</b> <i>Anita Conner</i>	<b>Date considered</b> <i>2/10/2005</i>
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Sheet 2 of 4

Form PTO-1449

**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket No. (optional)  
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**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
AO	A11	US 5,578,579	11/1996	Lartey <i>et al.</i>	514	29	
	A12	US 5,658,888	08/1997	Koga <i>et al.</i>	514	29	
	A13	US 5,712,253	01/1998	Lartey <i>et al.</i>	514	28	
	A14	US 5,824,513	10/1998	Katz <i>et al.</i>	435	76	
	A15	US 5,922,849	07/1999	Premchandran <i>et al.</i>	536	7.2	
	A16	US 6,066,721	05/2000	Khosla <i>et al.</i>	536	23.1	
	A17	US 6,077,943	06/2000	Omura <i>et al.</i>	536	7.2	
	A18	US 6,080,555	06/2000	Khosla <i>et al.</i>	435	41	
	A19	US 6,084,079	07/2000	Keyes <i>et al.</i>	536	7.2	
AO	A20	US 6,169,168 B1	01/2001	Asaka <i>et al.</i>	536	7.4	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
AO	B5	WO 01/31035 A2	05/2001	PCT			n/a
AO	B6	WO 01/83803 A1	11/2001	PCT			n/a

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
AO	C3	Frykman <i>et al.</i> , "Precursor-Directed Production of Erythromycin Analogs by <i>Saccharopolyspora erythraea</i> ," <i>Biotechnol. Bioeng.</i> , <b>76</b> , 303-310 (2001)	n/a
	C4	Ku <i>et al.</i> , "Synthesis and Antibacterial Activities of Novel 12-O-Methylerythromycin A Derivatives," <i>J. Antibiotics</i> <b>52</b> (10), 908-912 (Oct. 1999)	n/a
	C5	Ku <i>et al.</i> , "Synthesis of a Novel Macrolide: 9(S)-9-Dihydro-12-O-Methylerythromycin A via Regioselective Methylation," <i>J. Org. Chem.</i> , <b>64</b> , 2107 (1999)	n/a
AO	C6	Omura <i>et al.</i> , "Gastrointestinal motor-stimulating activity of macrolide antibiotics and the structure-activity relationship," <i>J. Antibiotics</i> (1985) <b>38</b> : 1631-2	n/a

Examiner

Date considered

2/10/2005

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Sheet 3 of 4

POT-1449

**INFORMATION DISCLOSURE STATEMENT  
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(Use several sheets if necessary)

Docket No. (optional)

010069.01

Application Number:

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Filing Date:

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**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
<i>Ho</i>	A21	US 6,251,636 B1	06/2001	Betlach <i>et al.</i>	435	76	
	A22	US 6,261,816 B1	07/2001	Khosla <i>et al.</i>	435	183	
	A23	US 6,391,594 B1	05/2002	Khosla <i>et al.</i>	435	91.4	
	A24	US 6,395,710 B1	05/2002	Chu <i>et al.</i>	514	29	
	A25	US 6,403,775 B1	06/2002	McDaniel	536	7.2	
	A26	US 6,562,795 B2	05/2003	Ashley <i>et al.</i>	514	29	
	A27	US 2002/0004229 A1	01/2002	Santi <i>et al.</i>	435	76	
	A28	US 2002/0094962 A1	07/2002	Ashley <i>et al.</i>	514	28	
	A29	US 2002/0192709 A1	12/2002	Carreras <i>et al.</i>	435	7.1	
<i>Ho</i>	A30	US 2003/0220271 A1	11/2003	Ashley <i>et al.</i>	514	28	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
<i>Ho</i>	B7	EP 0,119,431 B1	09/1987	Europe			n/a

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
<i>Ho</i>	C7	Rodriguez <i>et al.</i> , <i>J. Ind. Microbio. Biotechnol.</i> , "Rapid Engineering of Polyketide Overproduction by Gene Transfer to Industrially Optimized Strains," web-published as document no. 10.1007/s10295-003-0045-1 ( <a href="http://link.springer-ny.com">http://link.springer-ny.com</a> ) (16 Apr. 2003)	n/a
	C8	Xue <i>et al.</i> , "A multiplasmid approach to preparing large libraries of polyketides," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>96</b> , 11740-11745 (1999)	n/a
	C9	Chemical Abstracts No. 104:82047 (abstract of JP 60-218321)	n/a
<i>Ho</i>	C10	Chemical Abstracts No. 130:325342 (abstract of WO 99/21867)	n/a

Examiner

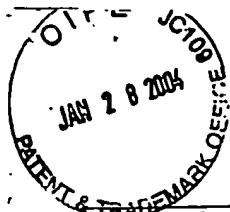
*Amelia J. Jones*

Date considered

*2/10/2005*

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Sheet 4 of 4

Form PTO-1449

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Docket No. (optional)

010069.01

Application Number:

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## U.S. PATENT DOCUMENTS

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
<i>AS</i>	C11	Chem. Abs. 90:152561 (abstract of PL 97877)	n/a
	C12	Hauske <i>et al.</i> , "Regiospecific Synthesis of 9-Desoxyerythromycin A," <i>J. Org. Chem.</i> , <b>49</b> , 712-714 (1984)	n/a
	C13	Hauske <i>et al.</i> , "Aglycon Modifications of Erythromycin A: Regiospecific and Stereo-selective Elaboration of the C-12 Position," <i>J. Org. Chem.</i> , <b>52</b> , 4622-4625 (1987)	n/a
	C14	Faghih <i>et al.</i> , "Synthesis and Antibacterial Activity of (9S)-9-Dihydroclarithromycin," <i>J. Antibiotics</i> , <b>43</b> , 1334-1336 (1990)	n/a
	C15	Hauske <i>et al.</i> , "Synthesis of 10,11-Anhydroerythromycin," <i>J. Org. Chem.</i> , <b>47</b> , 1595-1596 (1982)	n/a
	C16	Hauske <i>et al.</i> , "Aglycon Modifications of Erythromycin A and Erythromycin B: Regio-specific Nucleophilic Ring Opening of Cyclic Thionocarbonates," <i>J. Org. Chem.</i> , <b>48</b> , 5138-5140 (1983)	n/a
	C17	Faghih <i>et al.</i> , "Motilides and motilactides: design and development of motilin receptor agonists as a new class of gastrointestinal prokinetic drugs," <i>Drugs Fut.</i> , <b>23</b> (8), 861-872 (1998)	n/a
	C18	Depoortere <i>et al.</i> , "Structure-Activity Relation of Erythromycin-Related Macrolides in Inducing Contractions and in Displacing Bound Motilin in Rabbit Duodenum," <i>J. Gastrointestinal Motility</i> , <b>1</b> , 150-159 (1989)	n/a
<i>AS</i>	C19	Faghih <i>et al.</i> , "Preparation of 9-deoxy-4"-deoxy-6,9-epoxyerythromycin lactams "motilactides": potent and orally active prokinetic agents," <i>Bioorg. Med. Chem. Lett.</i> , <b>8</b> , 805-810 (1998)	n/a

Examiner

*Amelia J. New*

Date considered

*2/10/2005*

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